

Earth Leakage Relay RD3E, digital display, 72mmx72mm Panel mount 240V AC



- Panel mount 72 mm
- IΔn indication 3-digit digital display
- Monitoring function
- 1 change-over contact + 1 N/O contacts
- Selectable 50% pre-trip or alarm contact

Representative Photo Only  
(actual product may vary based on configuration selections)

**SPECIFICATIONS**

Product Series	Delta 72-h
Component Type Power Distribution & Protection	Earth Leakage Relay
Details, Connection	Low voltage lines, with series TD transformer.
Input Frequency, Nom	50 Hz
Waveform	Sinusoidal (type AC) or chopped pulsating with superimposed D.C. (type A) according to EN60947-2 (annex Band M) IEC60947-2
Operational Frequency, Min	47 Hz min
Operational Frequency, Max	63 Hz max
Unom, Supply Voltage, AC, Nom	240 V AC
Umin, Supply Voltage, AC, Min	154 V AC
Umax, Supply Voltage, AC, Max	264 V AC
Burden, Rated	4 VA
Power Dissipation, Max	2.5 W
Number of Setpoints	19
Setpoint Range(s)	Configurable 0.03 ... 30A
Configuration Method	Potentiometer / DIP-Switch
Trip Time, Max	5000 ms
Details, Indicator	Power ON: Green LED "ON". Alarm intervention: Red LED "Trip" + Relay switching. Ring current transformer - relay connection failure: Red LED "Trip" blinking + Relay switching.
Display Technology	Digital Display and LED
Number of Characters	3
Height, Characters	10 mm
Reset Type	Manual local or Remote
Alarm Function	Yes

# Catalogue No: **RD3E217B**

## ELR PANEL MOUNT 72 x 72 2C/O DIGITAL 240V AC

Power Distribution and Protection > Earth Leakage Protection > Earth Leakage Relays > IME Earth Leakage Relays and Toroids > Panel Mount Earth Leakage Relays > RD3E2 Series



Details, Alarm	Trip contact and RED LED
Number of Alarm Contacts	2
Contact Configuration	1 NO + 1 CO
Reverse Polarity Protection	No Y/N
Details, Output(s)	1 SPDT alarm contact and 1 SPDT contact selectable alarm or pre-trip alarm.
Installation Category	III
Pollution Degree	2
Ui, Rated Insulation Voltage	450 V (rms)
Uimp, Impulse Withstand Voltage	5 kV
Terminal Type	Extractable terminals
Mounting	Panel Mount
Material, Body / Housing	Plastic PC (Polycarbonate) self-extinguishing material
IP Rating, Front	IP40
IP Rating, Terminals	IP20
Height, Cutout	68 mm
Width, Cutout	68 mm
Frequency Tolerance	47...63 Hz
Non-operating residual current (IEC60755)	50% I $\Delta$ n
Intervention time t:	0, 0.15, 0.25, 0.5, 1.0, 2.5, and 5 s
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	55 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	70 °C max
Humidity Type	Suitable for tropical environments
Height	72 mm
Current set point I $\Delta$ n	0.03, 0.05, 0.075, 0.1, 0.15, 0.2, 0.3 3 ranges x1, x10, x100
Standards Compliance	EN 60947-2 IEC 60947-2 EN 60947-1 IEC 60947-1 IEC 60755 EN 60529 IEC 60529 EN 50081-1 EN 55011 EN 50082-2 AS 60947-2
Power On	LED Lit
Details, Pre-Alarm	50% I $\Delta$ n relay switching
Visible Trip Indicator	Red LED, Display "ALL"
Relative Humidity, Average	50 %RH
Width	72 mm
Depth	81.8 mm
Weight	0.28 kg
RCD Type, AS/NZS 60947-2	A
I $\Delta$ n, Leakage Current, Max	30 A

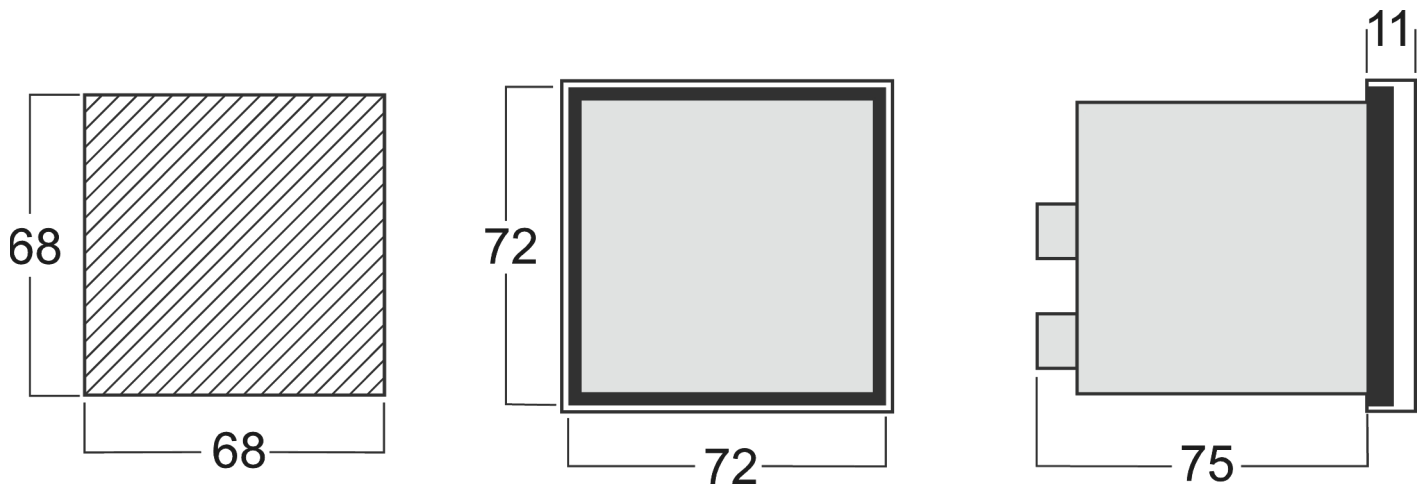
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REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	<a href="#">RD3E217B_User Manual</a>
Manufacturer Datasheet:	<a href="#">RD3E217B_Manufacturer Datasheet</a>
Manufacturer Catalogue & Product Selection:	-



Dimension Diagram



# S 291/128

